**Index of Claims** 

| Application N .  | Applicant(s)      |   |  |  |  |  |  |  |  |
|------------------|-------------------|---|--|--|--|--|--|--|--|
| 10/084,348       | KOBORI, TADAYOSHI |   |  |  |  |  |  |  |  |
| Examin r         | Art Unit          |   |  |  |  |  |  |  |  |
| Clifford H Knoll | 2112              | · |  |  |  |  |  |  |  |

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Clifford H Knoll

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| Cla         | aim      |                                              |                |          |          | Date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    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              | Щ            | Ш              |                 |          | ļ                                         | 51       |          |                     |          |          |          | _        | _        |          | Ш        |          | 10       |                 | 丄                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              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|             | 5        | Ý                                            | ✓              |          |          | _                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <u> </u>     | Ы              | Ш               | _        | <b> </b>                                  | 55       | <u> </u> | Ш                   |          | $\dashv$ | _        | _        | _        | 4        |          | _        | 10       |                 | 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              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                  |          | $\dashv$ | _        | $\dashv$ | _        | _        |          | _        | 100      | <u>}</u>        | 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | _                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ↓_                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | _        | <u> </u>                            | Щ               | $\dashv$  |          |
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                                        | 62<br>63 | $\vdash$ | Н                   |          | $\vdash$ | -        |          |          |          | $\dashv$ | $\vdash$ | 11:      |                 | +                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | +                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | +                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ╀        | ├                                   | ├               | $\dashv$  |          |
| -           | 13       | √<br>/                                       | ✓              | $\vdash$ | Н        | $\vdash$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | $\vdash$     | Н              | Н               | $\dashv$ | -                                         | 64       | $\vdash$ | Н                   | $\vdash$ | Н        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | -        | 113      | -               | +                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | +                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | +                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ╂        | <del>  -</del>                      | ├-┤             | ⊢⊢        |          |
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| <u> </u>    | 18       | <b>√</b>                                     | ┝              | $\vdash$ | Н        | $\vdash$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | $\vdash$     | Н              | Н               | $\dashv$ | -                                         | 68       | ⊢        | $\vdash$            | -        | =        | $\dashv$ | $\dashv$ | -        |          | $\dashv$ |          | 111      |                 | +                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | +                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ╁╌                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ⊢        | ⊢                                   | Н               | $\vdash$  | _        |
|             | 19       | <b>√</b>                                     | 7              | H        | Н        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | $\vdash$     | Н              | H               | $\dashv$ | -                                         | 69       | $\vdash$ |                     | $\vdash$ |          |          | $\dashv$ | -        |          | $\dashv$ | -        | 119      | <del>;</del>  - | ╫                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | +                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | +                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ╁        | ├                                   | - 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| -           | 20       | <b>√</b>                                     |                | H        | H        | H                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -            | H              | H               | -        |                                           | 70       | ┢        | -                   | $\vdash$ |          | $\dashv$ | $\dashv$ | $\dashv$ | -        | $\dashv$ | $\vdash$ | 12       | ⇈               | +                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | ╅                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ╁                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | $\vdash$ | ┢                                   | Н               | Н         | $\vdash$ |
|             | 21       | ľ                                            | ┝              | $\vdash$ | $\vdash$ | H                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | $\vdash$     | Н              | Н               | $\dashv$ |                                           | 71       | $\vdash$ | -                   | Н        | $\vdash$ | $\vdash$ | $\dashv$ | $\dashv$ |          | $\dashv$ |          | 12       | ⇈               | +                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | +                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ╫                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ╁        | ┢                                   | Н               | $\vdash$  | _        |
| <u> </u>    | 22       | -                                            |                | ├─       |          | $\vdash$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | $\vdash$     | Н              | Н               | $\dashv$ |                                           | 72       | -        |                     |          |          | -        | $\dashv$ |          |          | $\dashv$ | -        | 12       | ; 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| <b></b>     | 23       | -                                            | -              | -        | -        | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |              |                | Н               |          |                                           | 73       |          |                     |          | - 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|             | 24       | -                                            |                |          | -        | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |              | -              | Н               | $\dashv$ |                                           | 74       | -        | $\vdash$            |          | $\neg$   |          | $\dashv$ | $\dashv$ | _        | $\dashv$ | $\vdash$ | 12       | í               | ╅                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | +                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | +-       | ┢                                   | Н               | Н         |          |
|             | 25       | $\vdash$                                     | $\vdash$       | $\vdash$ |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |              | Н              | Н               | $\dashv$ |                                           | 75       |          |                     |          | $\neg$   |          |          | $\dashv$ | _        | $\dashv$ |          | 12       | ;†              | +                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              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|             | 26       | -                                            |                | -        | $\vdash$ | $\vdash$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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|             | 27       |                                              |                |          | H        | $\vdash$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |              |                | М               | _        |                                           | 77       |          | - 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|             | 28       | $\vdash$                                     | _              | Т        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         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|             | 29       |                                              |                |          |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         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|             | 30       |                                              |                |          |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         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|             | 32       |                                              |                |          |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         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|             | 33       |                                              |                |          |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         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|             | 34       |                                              |                |          |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         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|             | 37       | $\Box$                                       |                |          |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         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|             | 38       | L                                            |                |          |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         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|             | 42       | _                                            | <u> </u>       |          | Ш        | Ш                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       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|             | 43       | Ŀ.                                           | L              | Ш        | Ш        | L.,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Щ            | Ш              | Ш               | _        | <u> </u>                                  | 93       | _        | Ш                   | Ш        | Ш        | Щ        |          |          |          |          | L        | 14       | 3               | $\perp$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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| <u> </u>    | 44       | $oxed{oxed}$                                 | <u> </u>       | Щ        | Щ        | L.,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |              |                | _               | _        | L                                         | 94       | <u> </u> | Щ                   |          |          |          | _        | _        | _        | Ш        | $\vdash$ | 14       |                 | $\perp$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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|             | 45       | Ш                                            | <u> </u>       | ldash    | Щ        | $\vdash$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Щ            | Ш              | Ш               | $\dashv$ |                                           | 95       | L_       | <u> </u>            | Щ        | Щ        |          |          | _        |          | Ш        |          | 14       |                 | $\perp$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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|             | 46       |                                              | <u> </u>       | L.       | Щ        | L_                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Щ            | Ш              |                 | _        | L                                         | 96       |          | <u> </u>            | Щ        |          | _        | _        | _        | _        | Ш        | L        | 14       | 3               | $\bot$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         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| <u> </u>    | 47       | _                                            | <u> </u>       | L_       | Щ        | $oxed{}$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Щ            | Ш              | Щ               | _        |                                           | 97       | <u> </u> |                     | $\Box$   |          |          | _        | _        | _        | Ш        | L.       | 14       |                 | 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              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|             | 48       | <u> </u>                                     | <u> </u>       | <u> </u> | Щ        | <u> </u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | $\sqcup$     | Ш              | Щ               | _        |                                           | 98       | <u> </u> | <u> </u>            | Щ        | Ш        |          | _        | $\dashv$ | _        | Ш        | L        | 14       | 3               | $\bot$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         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| <u> </u>    | 49       | $\vdash$                                     | <u> </u>       | Щ        | Щ        | <b> </b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | -            | Н              | Н               | $\dashv$ |                                           | 99       | ├-       | $\vdash \downarrow$ |          |          | $\dashv$ | _        | _        | _        | $\dashv$ | <u> </u> | 149      | 4               | $\bot$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | _                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <u> </u> | <u> </u>                            | Ш               | Щ         |          |
| L           | 50       |                                              | <u> </u>       |          |          | L                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | L            | Ш              |                 |          | L                                         | 100      |          | Щ                   |          | Ш        | $\sqcup$ |          | i        |          | Ш        | L        | 15       | <u> </u>        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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